



Commander, Naval Surface Force, Atlantic

www.cns1.surfor.navy.mil

U.S. NAVY



USS Klakring (FFG 42)

Guided Missile Frigate

Homeport: Mayport, Florida

www.klakring.navy.mil



Klakring is a multi-mission platform capable of performing a variety of roles ranging from Counter Narco-Terrorism Operations, Maritime Interdiction Operations and convoy escort as well as Air, Surface and Undersea Warfare. Klakring is capable of embarking two LAMPS MK III Seahawk helicopters, which enhance all warfare capabilities and are designed to meet today's ever-changing environments.

Klakring utilizes two LM2500 gas turbine engines (the same engines as those installed in DC-10 aircraft) capable of sustaining speeds in excess of 28 knots and controlled by state-of-the-art computers resulting in a "ready to go" status in less than 10 minutes. The real heart of the ship's fighting spirit is her crew. High technology systems demand skilled technicians and professional leadership. Klakring can meet the 21st Century challenges of modern naval warfare with approximately half the crew as older warships.

Klakring's mission is to provide, air, submarine and surface protection for carrier battle groups, underway replenishment forces, amphibious groups and convoys. Her unique combination of modern sensors and advance weapons systems allows this ship to fight and survive in the highly complex threat environment of the 1900s and beyond. Klakring's combat systems capability allows it to rapidly evaluate threats, conduct appropriate weapons selection, and provide near-instantaneous response to any postulated attack. The systems aboard the ship have been designed to meet these demanding and dynamic prerequisites, and to do so with minimum human interface. Her weapons include long-range, surface-to-surface, and medium-range, surface-to-air missiles, a 76mm gun, Vulcan Phalanx Close-in-Weapons System (CIWS) and anti-submarine torpedoes.

Klakring is also equipped to carry two LAMPS MK III multi-purpose Helicopters. The Avionics package, airborne sensors, and tactical data systems incorporated in this helicopter, allow the ship to locate and strike at hostile surface and subsurface forces well beyond the horizon, and long before Klakring is detected by their sensors. Rounding out Klakring's combat systems suite is the world's most effective surface passive ASW system, thus completing the highly sophisticated package.

SHIP'S SPECIFICATIONS:

GENERAL

Length - 445 feet
Beam (Maximum)- 45 feet
Speed: 29+ knots
Draft (Navigational)- 22 feet
Displacement- 4,100 tons full load
Complement- 17 Officers/198 Enlisted

ENGINEERING

Propulsion: 2 General Electric LM2500 Gas
Turbine Engines (One Shaft); 41,000 Shaft
Horsepower
Electrical:
Services:

SENSORS

AN/SPS-55 Surface Radar
AN/SPS-49 Air Radar
AN/SQS-56
AN/SQR-19 TACTAS (Towed Array)

WEAPONS

Standard missile; Harpoon; Six MK46
torpedoes (Two Triple Mounts)
76mm/62 caliber MK 75 rapid fire gun
Phalanx close-in-weapons system

AIRCRAFT

2 SH-60B LAMPS III
SH-2 LAMPS MK-I

Keel Laid: February 19, 1982

Christened: September 18, 1982

Commissioned: August 20, 1983